

**RULES
OF
TENNESSEE STATE OIL AND GAS BOARD
STATEWIDE ORDER NO. 2
DRILLING, RE-ENTRY, PLUGGING
AND ABANDONING EXPLORATORY
AND EXPLOITATION OIL AND
GAS WELLS**

**CHAPTER 1040-2-7
CASING PROGRAM**

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1040-2-7-.01 CONDUCTOR PIPE. That pipe ordinarily used for the purpose of supporting unconsolidated surface deposits, is termed conductor pipe. The use and removal of conductor pipe during the drilling of any oil or gas well shall be at the option of the operator.

Authority: T.C.A. §§60-104. **Administrative History:** Original rule certified May 24, 1974.

1040-2-7-.02 SURFACE CASING. The operator's proposed surface program must be submitted, for approval by the Supervisor, on Application for Permit to Drill (Form P-AD-1). If the Supervisor deems the casing program inadequate to protect fresh water zones and potential minable coal and other minerals, etc., he shall prescribe the casing program with which the operator will comply. Unless an exception is granted by the Supervisor, suitable and sufficient surface casing shall be run and cemented to a depth not less than fifty (50) feet below all fresh water strata encountered in the well and in a manner that will protect such fresh water from contamination resulting from drilling operations. The cement must fill the annular space behind the surface casing from the base thereof to the surface of the ground. If cement returns are not received to the surface, then the annulus must be cemented from the top.

The Supervisor or his representative shall be given notice of cementing of surface casing at least 12 hours prior to conducting such operation. The Supervisor or his representative may witness the cementing operation. Form R-WH-1 must be accompanied by a copy of the drilling contractor's or service company's ticket for the work performed.

A cement basket and centralizer are to be run on the surface casing between the first and second joints of surface casing or as directed by the supervisor.

Authority: T.C.A. §§60-1-202 and 60-1-204. **Administrative History:** Original rule certified May 24, 1974. Amendment filed February 7, 1986; effective March 9, 1986. Amendment filed July 25, 2005; effective October 8, 2005.

1040-2-7-.03 PRODUCTION CASING. The production, oil, or flow string, is that casing used for the purpose of segregating the zone from which production is obtained and affording a means of communication between such zone and the surface. A description of the work done under this section must be reported to the Supervisor on Well History, Work Summary, and Completion or Recompletion Report (Form R-WH-1) within sixty (60) days after completion.

Authority: T.C.A. §§60-104. **Administrative History:** Original rule certified May 24, 1974. Amendment filed July 25, 2005; effective October 8, 2005.

1040-2-7-.04 ISOLATION OF OIL, GAS AND FRESH-WATER-BEARING STRATA, AND POTENTIAL MINABLE COAL AND OTHER MINERAL DEPOSITS.

Notwithstanding compliance with the foregoing requirements, all potential minable coal and other minerals must be isolated from any possible communication through the annulus with oil-, gas- or water-bearing strata or deposits of other potential minable coal or other minable minerals. In order to ascertain whether or not such work has been reasonably performed, the operator may elect to either run a cement bond log, or block squeezed each stratum or zone which is required to be isolated. If the cement bond log indicates a minimum of twenty-five (25) feet of cement bond above the top and twenty-five (25) feet of bond below the base of each stratum or zone to be isolated, then the provision of this rule shall have been complied with. If such bonding is not shown by the bond log, the Supervisor may require the operator to perform the necessary work to assure the isolation of such above described strata zones.

Authority: T.C.A. §§60-104. **Administrative History:** Original rule certified May 24, 1974.